

Materials List for:

## A Guide to Production, Crystallization, and Structure Determination of Human IKK1/ $\alpha$

Smarajit Polley<sup>1,2</sup>, De-Bin Huang<sup>1</sup>, Tapan Biswas<sup>1</sup>, Gourisankar Ghosh<sup>1</sup>

Correspondence to: Gourisankar Ghosh at gghosh@ucsd.edu

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## **Materials**

Name	Company	Catalog Number	Comments
Cellfectin/Cellfectin II	Thermo Fisher Scientific	10362100	Cellfectin is now discontinued, replaced by Cellfectin II
Sf900 III Insect cell medium	Thermo Fisher Scientific	12658-027	
SF9 cells	Thermo Fisher Scientific	12659017	
anti-IKK1 antibody	Novus Biologicals	NB100-56704	Previously sold by Imgenex
anti-PentaHis antibody	Qiagen	34460	
PVDF membrane	Millipore	IPVH00010	Nitrocellulose can also be used
Ni-NTA agarose	Qiagen	30210	
Bradford assay reagent	BioRad	500001	
Superdex 200 column	GE Healthcare	28989335	
Amicon concentrator	Millipore	UFC801008, UFC803008, UFC201024, UFC203024	
Compound A	Bayer		
Calbiochem IKK-inhibitor XII	Calbiochem	401491	
Staurosporine	SIGMA	S4400	
MLN120B	Millenium	Gift item	
AMPPNP	SIGMA	A2647	
Dextran sulfate	SIGMA	51227, 42867, 31404,	
Dextran sulfate	Alfa Aesar	J62101	
PEG	SIGMA	93593, 81210, 88276, 95904, 81255, 89510, 92897, 81285, 95172	Some of them are new Cat # on SIGMA catalogue. What we had was originally from Fluka that had different Cat #.
Crystallization Screens			
Crystal Screen I and II (Crystal Screen HT)	Hampton Research	HR2-130	
Index HT	Hampton Research	HR2-134	
PEG/Ion and PEG/Ion2 (PEG/Ion HT)	Hampton Research	HR2-139	
PEGRX 1 and PEGRx 2 (PEGRx HT)	Hampton Research	HR2-086	
SaltRx 1 and SaltRx 2 (SaltRx HT)	Hampton Research	HR2-136	
Crystal mounts	Hampton Research	HR8-188, 190, 192, 194	
Synchrotron	The Advanced Photon Source (APS) at the U.S. Department of Energy's Argonne National Laboratory	Beamline 19 ID	The Advanced Photon Source (APS) at the U.S. Department of Energy's Argonne National Laboratory provides ultra-bright,

<sup>&</sup>lt;sup>1</sup>Department of Chemistry & Biochemistry, University of California, San Diego

<sup>&</sup>lt;sup>2</sup>Department of Biophysics, Bose Institute

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